

From: [HOPE Bruce](#)
To: [Eric Blischke/R10/USEPA/US@EPA](#)
Subject: RE: Stormwater Loading (What Else?)
Date: 11/29/2006 07:41 AM

Eric,

Based on the City's model, the segments receiving the most stormwater runoff by volume are 4 (west side between RM 10.4 & 9.4, 16.3% of total), 7 (west side between RM 9.4 & 8.3, 11.1% of total), 34 (Swan Island lagoon, 10.1% of total), and 3 (east side between RM 12.4 & 10.4, 15.0% of total). Flows of this magnitude would have a better (but still slight chance) of affecting the river as a whole).

Initial T&F model results take this one step further by indicating segments where the external load needs to be suspiciously high, relative to stormwater flows, to maintain current observed conditions. For example, segment 18 (east side between RM 6.85 & 6.05, only 0.8% of total) needs a high (about 1.15 ng/L) total concentration of PCB-118 in stormwater to hold conditions constant. In contrast, segment 7, which receives almost 10x that volume, needs a much lower (about 0.38 ng/L) concentration in stormwater. This could indicate a particularly potent source in segment 18 (Willamette Cove?). Segments 12 (entrance to Swan Island lagoon, 1.2% of total), 16 (Gasco?, 3.0% of total), 30 (Time Oil?, 2.4% of total), 33 (OSM?, 3.1% of total) are also like this.

Bruce

-----Original Message-----

From: Blischke.Eric@epamail.epa.gov
[mailto:Blischke.Eric@epamail.epa.gov]
Sent: Tuesday, November 28, 2006 6:07 PM
To: HOPE Bruce
Subject: Stormwater Loading (What Else?)

Bruce, thanks for helping out during today's meeting. During the meeting there was some discussion of prioritizing outfalls or segments by volume of external load. Do you have some key segments that you would suggest targeting for stormwater sampling?

Thanks, Eric